T BOOK

| nsions | | Contents | Reference to last Measurement |
|---|---|---|---|
| Breadth 5 | Depth 6 | 7 | 8 |
| | | | |

I st And Final Bill
SBRNO: 36/16-17 30/6/16

Work code - 005-16-000032
Est cost Rs - 20.00 Lacs

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work Providing Pump and motors Pannel board 264407
PVC Cable and other accessaries to Existing
Name of Contractor of nature of Agency Borewells in ward no 05 Kratarayanapura
Date of commencement of work 8ws division.

| Date 1 | Full description, etc, of work 2 | Dimensions Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | BR-299/ | 25 | 7/6 | | | | |
| | Work order No. - EE/BTP/BBMP/E.PMT/232/2015-16 | | | | | | |
| | Name of Contractor - Sri H.V. Nagaraj Thirumala Complex. Bagepalli - 561207. | | | | | | |
| | Date of commencement - 10/03/2016. | | | | | | |
| (1) | Supply and delivery of Sisebrand new Texmo/innoval/ Lubi/Sabar/Atalanta/Calamal make Suitable Server tical installation in 150 mm dia Bore well Comprising | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 1 Single stage or multistage CI Pump close coupled by means of stainless steel coupling to suitable HP suitable speed to duly enclosed and fixed with pure drinking water (Wet type) Sumersible operation 1 3Ph 50Hz 380/440 volts AC supply fitted with required accessories such as suction strainer sand guard Non return valve etc comprise the pump and motor shall form an integral unit with all the required fitting 12.5 HP 20 stage exe. complex. | | | | | | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | (1) Prakrushi layo (cont) |
| | (2) Sreerampura (Mariyamma hou |
| | (3) Sreeram Pura (Bharathi layout |
| | (4) Dwarka Nagar (Nagappa Block) |
| | (5) Noor Nagara (Main Road) |
| | Rate - 634114 : 00 |

OK

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| se CR Pump close | | |
| ss Speed coupling to | | |
| to sump erected and | | |
| aser (Wet type) Samm | | |
| motor suitable for | | |
| o volts AC supply sys | | |
| such as suction. Casi | | |
| Non return Valve et | | |
| Speed Form and Hexa | | |
| Rs 12.5 HP 20 Stage | | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

Serial No. .....
Name of Work ..... From..... To..... 264408
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | (1) Prakruthi layout (cont) | 1 | – | – | – | 1 | |
| | (2) Sreerampura (Marikamma house) | 1 | – | – | – | 1 | |
| | (3) Sreeram Pura (Bharathi layout) | 1 | – | – | – | 1 | |
| | (4) Dwarka Nagara (Nagappa Block) | 1 | – | – | – | 1 | |
| | (5) Noor Nagara (Main Road) | 1 | – | – | – | 1 | |
| | Page - 634144:00 | | | | | 5 Nos. | 317070:00 |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (2) | For Additional Motor 15 HP 30 Stage. | | | | | | |
| | (1) Sampigehally (Lake) | 1 | – | – | – | 1 | |
| | (2) Srinivasapura (Burial Ground) | 1 | – | – | – | 1 | |
| | (3) Agrahara layout (Cattery Bekary) | 1 | – | – | – | 1 | |
| | (4) Vinayaka Nagara | 1 | – | – | – | 1 | |
| | (5) Dwarkanagara 3rd Cross. | 1 | – | – | – | 1 | |
| | | | | | | 5 No. | 370740:00 |

Contd Page 74148:00

AE-or 13/05/16

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency ..

Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| (3) | Supplying and Coding Seen Shes make Consene board unit & Quantity & unit shall ha Operation on Spring loaded |

| | Contents | Reference to last Measurement |
|---|---|---|
| | 7 | 8 |
| | 1 | |
| | 1 | |
| | 1 | |
| | 1 | |
| | 1 | |
| | 5 No. | 370740.00 |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

Serial No. .....

264409

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | (3) Supplying and Delivery as per brand new/ essen/ Cosmos Sensornet/ Adarsh/ etc controls best indigenous make Consere energy meter cum control Panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and waterproof the unit shall have two datacable doors Serviceable for Operation on 3ph 50 x 2 380/440 volts AC Supply with Spring loaded latch locking with a key duly showed in | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Provided inside the door canopy apron and louvered ventilating shall be provided the combind energy meter cum control panel board unit suitable for operation on 3PH 50HZ 380/440 AC supply shall be comprised etc.- comprise 1 Panel board shall be fully on service unit in the above components Panel board for sentage pumpsets above components Panel board for sentage pumpsets above 6.50 HP to 15.00 HP with star deeta starter (MR) | | | | | | |
| | (1) Sreerampura (Mariyamma house) | 1 | - | - | - | 1 | |

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Numbe |
|---|---|---|
| 1 | 2 | 3 |
| | (2) Devarpanagara (Nagappa Block) | 1 |
| | (3) Near Nagara (Main Road) | 1 |
| | (4) Srinivasapura (Burial Ground) | 1 |
| | (5) Agrahara Layout (Cannery Behind) | 1 |
| | Page 15525:00 | |
| | Carry 7AE-05 | |

| | Contents | Reference to last Measurement |
|---|---|---|
| | 7 | 8 |
| | ...ofg apron and louvre... | |
| | ...e Combind energy... | |
| | ...unit Suitable for... | |
| | ...AC Supply Space se... | |
| | ...el board Space Selec... | |
| | ...omponents Panel Boa... | |
| | ...omponents Panel Boa... | |
| | ...p to 15.00 HP with S... | |
| — | 1 | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B** 264410

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | (2) Devarpanagara (Nagappa Block) | 1 | – | – | – | 1 | |
| | (3) Near Nagara (Main Road) | 1 | – | – | – | 1 | |
| | (4) Srinivasapura (Burial Ground) | 1 | – | – | – | 1 | |
| | (5) Aghrahara (Cannery Balcony) | 1 | – | – | – | 1 | |
| | | | | | | 5 Nos. | |
| | Page 15525:00 | | | | | | 77625:00 |
| | Carried to AE-05 | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 4) Supplying and drawing 3 core flat pvc sheathed submersible pump cable manufactured with electro-lytic grade copper with flexible copper conductor conforming to table 3 class 5 of IS 8130-1984 and virgin grade pvc insulation and sheathed pvc-table for working voltage upto 1100 volts 4 sq mm & 56 strands 0.3 mm dia Group. A. | | | | | | |
| | ① Basavanagara 5th Cross | 1 | 650.00 | - | - | 650.00 | |
| | ② Noor Nagara | 1 | 300.00 | - | - | 300.00 | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | ③ Nagappa Block Checked. |
| | ④ Sreeram Reddy Executive Engineer Byatarayanapura Yelahanka Zone Bangalore |
| | ⑤ Prakruthi Layout |
| | Page. 194 : 00 13/05/16 |

| ontents 7 | Reference to last Measurement 8 |
|---|---|
| ...ast PVC Sheathed ...sened with Electro ...e Copper Conductor ...IS 8130-1984 and ...and Sheathed Cir... ...1100 volts Grade 4 Sq... ...mm. A. | |
| 650.00 | |
| 300.00 | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

264411

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | (3) Nagappa Block | 1 | 260.00 | - | - | 260.00 | |
| | Checked. CS&C | | | | | | |
| | (4) Sreeram Block | 1 | 296.00 | - | - | 296.00 | |
| | (5) Prakruthi Layout | 1 | 294.00 | - | - | 294.00 | |
| | | | | | | 1800.00 Mtr | 349200.00 |
| | Base 194.00 | CS&C | | | | | |
| | Base 194.00 13/05/16 | ord | | | | | |
| | Base 194.00 14-05-16 | | | | | | |

Executive Engineer
Byatarayanapura Division
Yelahanka Zone
Bangalore

OOK

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| - | 4 | |
| - | 1 | |
| - | 1 | |
| - | 2 | |
| - | 2 | |
| - | 3 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264418

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | | | | | 38 NO. | |
| | Page 234 : 10 | | | | | | 8892 : 10 |
| | Cheque 23/05/16 AE-05 | | | | | | |
| 12) | Providing and fixing in position brass globe valve with C I wheel of approved quality (screwed end) 50 mm nominal bore including cost of all materials labour and hoisting & equipments with | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | all Leads Compose as Per Specification. | | | | | | |
| | ① Sirinagara | 4 | - | - | - | 4 | |
| | ② Niranjhara Layout | 3 | - | - | - | 3 | |
| | ③ Palanahally Gate | 3 | - | - | - | 3 | |
| | ④ Vinayaka nagara (Near Sreerama Temple) | 4 | - | - | - | 4 | |
| | ⑤ Kassigenahally AE Colony | 2 | - | - | - | 2 | |
| | ⑥ Kogile Layout | 4 | - | - | - | 4 | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | |
|---|---|---|
| 1 | 2 | |
| | ⑦ Agrahara Layout & Meraki | |
| | ⑧ Palanahally Cir | |
| | ⑨ Jakkur OHT | |
| | ⑩ Srinivasapura | |
| | ⑪ Kaveripura Nagar | |

OK

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| Specification. | | |
| - | 4 | |
| - | 3 | |
| - | 3 | |
| - | 4 | |
| - | 2 | |
| - | 4 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264419

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

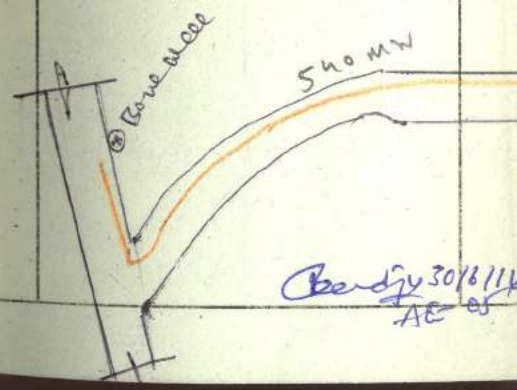
| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | (7) Aghrahara [illegible] & others | 5 | - | - | - | 5 | |
| | (8) Palanahally Circle | 3 | - | - | - | 3 | |
| | (9) Jakkur OHT | 3 | - | - | - | 3 | |
| | (10) Srinivasapura | 4 | - | - | - | 4 | |
| | (11) Kempunagara | 3 | - | - | - | 3 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 12) Minaraja nagara I st Cross | 2 | - | - | - | 2 | |
| | | | | | | 40 Nos | 88920:00 |
| | Rate 2223:00 | | | Limited to | | 38 nos. | |
| | | | | | Total | Rs. | 2094611:00 |
| | Certificate. 1) Certified that the work done satisfactory<br>2) This bill amount has not been claimed in any of previous bill. | | | | | | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Nu |
|---|---|---|
| 1 | 2 | |



BOOK

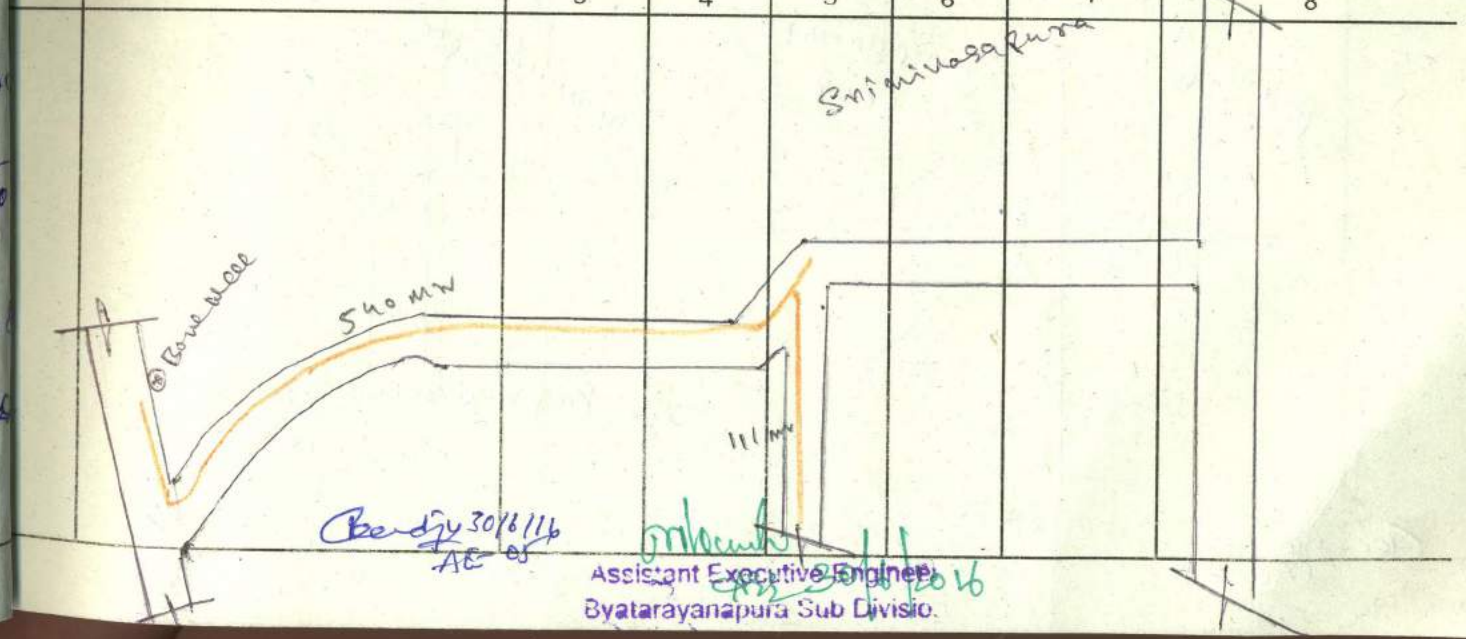
| ons | | Contents | Reference to last Measurement |
|---|---|---|---|
| readth 5 | Depth 6 | 7 | 8 |
| - | - | 2 | |
| sed to | | 40 nos 38 nos | 88920:0 |
| Total | | Rs - | 2094611 :0 |
| that the work done Sajig | | | |
| ount has not been claim | | | |
| evious bill. | | | |
| 30/6/2016 | | | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B** 264420

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | | |



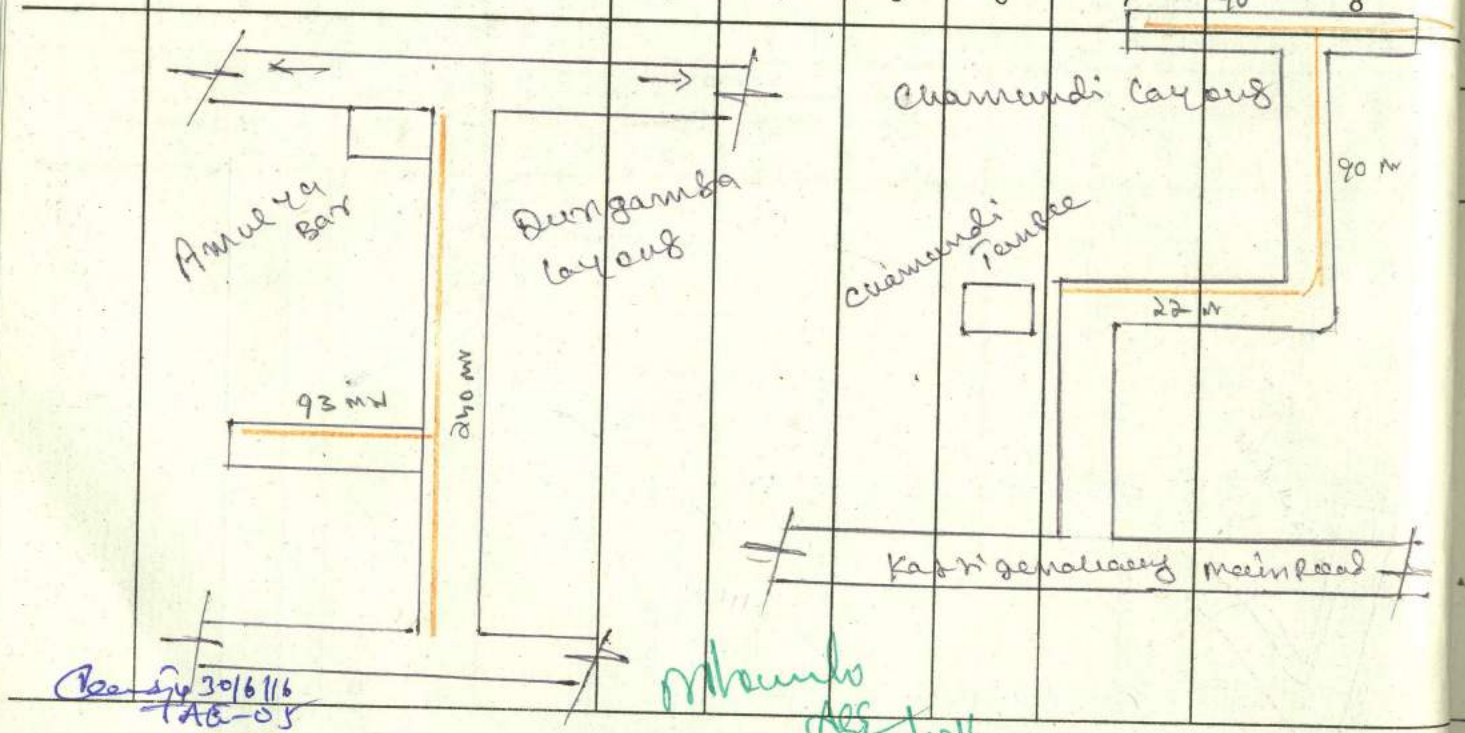

30/6/16
AE-05

Assistant Executive Engineer
Byatarayanapura Sub Divisio.

30/6/2016

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |




Ramesh
AEE
30/6/2016

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Nu |
|---|---|---|
| 1 | 2 | |

Krishnadevaraya

Ramesh
AEE-05
30/6/16

BOOK

| s | | Contents | Reference to last Measurement |
|---|---|---|---|
| adth 5 | Depth 6 | 7 | 8 |
| | | Channundi Canvas | |
| | | Channundi Temple | 90 m |
| | | | 22 m |
| | | Kadri gendaway | main Road |

30/6/2016

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264421

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Krishnadevaraya Canvas | | 200 m | | | | |
| | | | 64 m | | | | |
| | | | | | | | |

Yelahanka
Ballahally

Sanjay 30/6/16 AE-05

Dhanush 30/6/2016 ASS

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | IT – 41892 – | |
| | | | | | | VAT – 83784 – | |
| | | | | | | Lwe – 20946 – | |
| | | | | | | CBF – 2095 – | |
| | | | | | | TBL – 148717 =00 | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |